PTO/SB/08A (08-00)

A d for use through 10/31/2002. OMB 0651-0031

Patent and Trace & Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO

TRADE

MFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 2

Complete if Known					
Application Number	09/938,104				
Filing Date	August 23, 2001				
First Named Inventor	Adam Strauss				
Group Art Unit	2641				
Examiner Name	Unassigned				
Attorney Docket Number	42390P12534				

					U.S. PATENT DOCUMENTS		
Examiner Initials*	Cite No.¹	U.S. Pater Number	nt Docume Kind C (if know	ode²	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
							RECEIVE DEC 1 1 2002
							-50.1.1.0000
							DEC 1 1 ZUUZ
							Technology Center
	·						Jecimond) come
		-	-				
		-					
		-					

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No.1		Foreign Patent Docu	ment	Name of Patentee or	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		Office ³	Number	Kind Code ^s (if known)	Applicant of Cited Document			1,
JW		wo	99/29085		Northern Telecom Limited	06-10-1999		
JW		wo	00/17856		Conexant Systems, Inc.	03-30-2000		\perp
70		EP	0 384 490	A2	NEC Corporation	08-29-1990		1_
JW.		EP	0 576 980	A2	Telefonaktiebolaget	01-05-1994		
JW		EP	0 734 012	A2	Mitsubishi	03-24-1995		\perp
		-						-
		+						+
		+						+
						 		+-

Examiner Signature Considered 5/26/04

^{*}Examiner: initial if reference considered, whether periot citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

^{&#}x27;Unique citation designation number. 'See attached Kinds of U.S. Patent Documents. 'Enter Office that issued the document, by the two-letter code (WIPO Standard S.3). 'For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. 'Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 'Applicant is to place a check mark here if English language Translation is attached.

2

PTO/SB/08B (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO

Sheet

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

of

2

Complete if Known Application Number 09/938,104 August 23, 2001 Filing Date First Named Inventor Adam Strauss Group Art Unit 2641 **Examiner Name** Unassigned 42390P125 Achnology Center 2600 Attorney Docket Number

OTHER ART - NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No.¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²		
JW		TEXAS INSTRUMENTS, DTMF Tone Generation and Detection An Implementation Using the TMS320C54x Application Report, SPRA096, June 1997			
Üω		J. CAVANAGH, Digital Computer Arithmetic, Design and Implementation, McGraw-Hill Book Company, 1994, pgs. 1-12.			
JW		R. KAIN, Advanced Computer Architecture, A Systems Design Approach, Department of Electrical Engineering, University of Minnesota, Prentice Hall, NJ, pgs. 16-17.			
JW		J. MICK & J. BRICK, Bit-Slice Microprocessor Design, McGraw-Hill Book Company, 1990, pg. 191			
JW		D. PATTERSON & J. HENNESSY, Computer Architecture A Quantitative Approach, Morgan Kaufmann Publishers, Inc., San Mateo, Ca 1990, pgs 142-143.			
JW		R65C00/21 Dual CMOS Microcomputer and R65C29 Dual CMOS Microprocessor; Rockwell 1984 Data Book; Rockwell International; Doc. No. 29651N64; pgs. 3-1 - 3-33.			
JW	_	J. McCORMICK, Supporting Predicated Execution: Techniques and Tradeoffs, www.crhc.uiuc.edu/IMPACT/abstracts/report/ms-thesis-jim-mccormick.html, 10/15/99			
JW		Instructions Set Architecture, Web based course, wwwee.eng.hawaii.edu/~tep/EE461/Notes/ISA/isa.html, 10/15/99			
W		W. STALLINGS, Computer Organization and Architecture 4th Edition, pgs. 313-386, Prentice-Hall, Inc. New Jersey, 1993			
W		Texas Instruments, SMJ320C80 Digital Signal Processor Data Sheet; document No. SGUS025; August 1998; Texas Instruments			
JW		MINOLI & MINOLI; Chapter 5, Technology and Standards for Low-Bit-Rate Vocoding Methods; Delivering Voice Over IP Networks; 1998; pgs. 149-233; Robert Ipsen Pub.			
W	-	R. FROMM, Instruction Set Architecture Simulation Infrastructure Development, www.ilpsoft.eecs.berkely.edu:9636/~9636/~ilpsoft/99abstracts/rfromm.1.html, 10/15/99			
W		M. FELDER, J. MASON & B. EVANS; Efficient Dual-tone Multifrequency Detection Using the Nonuniform Discrete Fourier Transform, IEEE Signal Processing Letters, 6/98			

Date Examiner, Considered Signaturé

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

^{&#}x27;Unique citation designation number. 'Applicant is to place a check mark here if English language Translation is attached.